

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	13343	((428/690,917) or (313/504,506) or (257/40,E51.049,E51.051)).CCLS	US-PGPUB; USPAT	OR	OFF	2009/12/14 09:48
L2	32321	conduction with (level or band)	US-PGPUB; USPAT	OR	ON	2009/12/14 09:48
L3	12427	valence with (level or band)	US-PGPUB; USPAT	OR	ON	2009/12/14 09:48
L4	64781	(energy or band) with gap	US-PGPUB; USPAT	OR	ON	2009/12/14 09:48
L5	15624	(dopant or guest) with first with second	US-PGPUB; USPAT	OR	ON	2009/12/14 09:48
L6	37	5 same 2 same 3	US-PGPUB; USPAT	OR	ON	2009/12/14 09:49
L7	14	6 same 4	US-PGPUB; USPAT	OR	ON	2009/12/14 09:49
L8	23	6 not 7	US-PGPUB; USPAT	OR	ON	2009/12/14 09:49
L9	13102	(dopant or guest) with (combination or mixture)	US-PGPUB; USPAT	OR	ON	2009/12/14 09:49
L10	11	9 same 2 same 3	US-PGPUB; USPAT	OR	ON	2009/12/14 09:49
L11	9	10 not 6	US-PGPUB; USPAT	OR	ON	2009/12/14 09:49
L12	134024	(fluores\$5 or (light with (emit\$5 or emiss\$5))) with ((first with second) or combination or mixture)	US-PGPUB; USPAT	OR	ON	2009/12/14 09:50

L13	96	12 same 2 same 3	US- PGPUB; USPAT	OR	ON	2009/12/14 09:50
L14	60	13 and 4	US- PGPUB; USPAT	OR	ON	2009/12/14 09:50
L15	56	14 not (6 or 10)	US- PGPUB; USPAT	OR	ON	2009/12/14 09:50
L16	36	13 not (6 or 10 or 14)	US- PGPUB; USPAT	OR	ON	2009/12/14 09:51
L17	258	homo same (5 or 9 or 12)	US- PGPUB; USPAT	OR	ON	2009/12/14 09:51
L18	190	lumo same (5 or 9 or 12)	US- PGPUB; USPAT	OR	ON	2009/12/14 09:51
L19	160	17 and 18	US- PGPUB; USPAT	OR	ON	2009/12/14 09:51
L20	159	19 not (6 or 10 or 13)	US- PGPUB; USPAT	OR	ON	2009/12/14 09:51
L21	6023	capture with electron	US- PGPUB; USPAT	OR	ON	2009/12/14 09:51
L22	653	21 and (5 or 9 or 12)	US- PGPUB; USPAT	OR	ON	2009/12/14 09:52
L23	55	1 and 22	US- PGPUB; USPAT	OR	ON	2009/12/14 09:52
L24	11887	(3 or homo) same (2 or lumo)	US- PGPUB; USPAT	OR	ON	2009/12/14 09:52
L25	1685	1 and 24	US- PGPUB; USPAT	OR	ON	2009/12/14 09:52
L26	1090	4 and 25	US- PGPUB; USPAT	OR	ON	2009/12/14 09:52
L27	707	26 and (5 or 9 or 12)	US- PGPUB; USPAT	OR	ON	2009/12/14 09:53

L28	621	27 not (6 or 10 or 13 or 19)	US- PGPUB; USPAT	OR	ON	2009/12/14 09:53
L29	502	28 and blue	US- PGPUB; USPAT	OR	ON	2009/12/14 09:53
L30	125677	blue with (light or emit \$5 or emiss\$5)	US- PGPUB; USPAT	OR	ON	2009/12/14 09:53
L31	2781	30 and (3 or homo) and (2 or lumo)	US- PGPUB; USPAT	OR	ON	2009/12/14 09:54
L32	1027	31 and (styrylamine or aminostyryl or fused or condensed or arylamine)	US- PGPUB; USPAT	OR	ON	2009/12/14 09:54
L33	634	32 not (6 or 10 or 13 or 19 or 27)	US- PGPUB; USPAT	OR	ON	2009/12/14 09:54
L34	8177	(5 or 9 or 12) and ((inhibit or decreas \$5) same crystal\$5)	US- PGPUB; USPAT	OR	ON	2009/12/14 09:55
L35	250	1 and 34	US- PGPUB; USPAT	OR	ON	2009/12/14 09:55
L36	234	35 and organic	US- PGPUB; USPAT	OR	ON	2009/12/14 09:55
L37	34563	(5 or 9 or 12) and ((improv\$5 or increas \$5) same (stabil\$5 or life or lifetime or half-life))	US- PGPUB; USPAT	OR	ON	2009/12/14 09:55
L38	3168	1 and 37	US- PGPUB; USPAT	OR	ON	2009/12/14 09:55
L39	3097	38 and organic	US- PGPUB; USPAT	OR	ON	2009/12/14 09:56
L40	368	32 and 39	US- PGPUB; USPAT	OR	ON	2009/12/14 09:56
L41	1823	(5 or 9 or 12) same ((improv\$5 or increas \$5) same (stabil\$5 or life or lifetime or half-life))	US- PGPUB; USPAT	OR	ON	2009/12/14 09:56

L42	441	(5 or 9 or 12) same ((inhibit or decreas \$5) same crystal\$5)	US- PGPUB; USPAT	OR	ON	2009/12/14 09:56
L43	11	1 and 42	US- PGPUB; USPAT	OR	ON	2009/12/14 09:56
L44	561	1 and 41	US- PGPUB; USPAT	OR	ON	2009/12/14 09:57
L45	556	44 and organic	US- PGPUB; USPAT	OR	ON	2009/12/14 09:57
L46	53	32 and 45	US- PGPUB; USPAT	OR	ON	2009/12/14 09:57

12/14/2009 10:00:46 AM

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